## **Gene Download Help**

This is an archive of all known genes in the ClinPGx knowledgebase. ClinPGx uses HGNC as the source for all its gene records and then assigns each a unique PharmGKB Accession Identifier for use in annotations.

Not all of these genes have been involved in ClinPGx annotations. The best way to filter for ClinPGx-annotated genes is to use the "Has Variant Annotation" field.

Empty values in the chromosomal position columns mean the data was not available from NCBI at the time the gene information was loaded.

- ClinPGx Accession Id = Identifier assigned to this gene by ClinPGx
- 2. NCBI Gene ID = Identifier assigned to this gene by NCBI
- 3. HGNC ID = Identifier assigned to this gene by HGNC
- 4. Ensembl Id = Identifier assigned to this gene by Ensembl
- 5. Name = Canonical name for this gene (by HGNC)
- 6. Symbol = Canonical name for this gene (by HGNC)
- 7. Alternate Names = Other known names for this gene, comma-separated
- 8. Alternate Symbols = Other known symbols for this gene, comma-separated
- 9. Is VIP = "Yes" if ClinPGx has written a VIP annotation for this gene, "No" otherwise
- 10. Has Variant Annotation = "Yes" if ClinPGx has written at least one variant annotation for this gene, "No" otherwise
- 11. Cross-references = References to other resources in the form "resource:id", comma-separated
- 12. Has CPIC Dosing Guideline = "Yes" if ClinPGx has annotated a CPIC guideline for this gene, "No" otherwise
- 13. Chromosome = The chromosome this gene is on, in the form "chr##"
- 14. Chromosomal Start GRCh37 = Where this gene starts on the chromosomal sequence for NCBI GRCh37
- 15. Chromosomal Stop GRCh37 = Where this gene stops on the chromosomal sequence for NCBI GRCh37
- 16. Chromosomal Start GRCh38 = Where this gene starts on the chromosomal sequence for NCBI GRCh38
- 17. Chromosomal Stop GRCh38 = Where this gene stops on the chromosomal sequence for NCBI GRCh38

For questions and comments, please contact us at https://clinpgx.org